

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		<i>Complete if Known</i>	
		Application Number	10 782,270
		Filing Date	
		First Named Inventor	Norio SAKAI
		Art Unit	2815
		Examiner Name	
Sheet 1 of 1	Attorney Docket Number	36856.1115	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code 2(if known)			
j/bz	1	5,864,092	01/1999	Gore et al.	
	2	2003/0128526 A1	07/2003	Sakai et al.	
	3	5,847,930	12/1998	Kazic	
	4	5,388,029	02/1995	Moriyama	
	5	6,528,875 B1	03/2003	Glenn et al.	
	6	5,953,213	09/1999	Naperala	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code*Number-Kind Code 5(if known)				
j/bz	7	JP 09-116091	5/1997	JAPAN		X
	8	JP 2000-031333	01/2000	JAPAN		X
	9	JP 08-037251	02/1996	JAPAN		X

Examiner Signature	Jasmine Clark	Date Considered	09/16/04
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

¹ Applicant unique citation designation number (optional). ² See Kind Codes of USPTO Patent documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Abstract is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>		Docket Number (Optional) 2269-4973.1US (00-0593.01/US)		Application Number Not Yet Assigned 10/782,270	
		Applicant Teck Kheng Lee			
		Filing Date February 18, 2004		Group Art Unit Unknown 280	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
jbe	4,807,021	02/1989	Okumura			
	5,347,159	09/1994	Khandros et al.			
	5,366,794	11/1994	Nakao			
	5,385,869	01/1995	Liu et al.			
	5,386,341	01/1995	Olson et al.			
	5,397,921	03/1995	Kamezos			
	5,409,865	04/1995	Kamezos			
	5,422,205	06/1995	Inoue et al.			
	5,438,477	08/1995	Pasch			
	5,448,511	09/1995	Paurus et al.			
jbe	5,504,277	04/1996	Danner			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	APPLICANT/INVENTOR	CLASS	SUBCLASS	Translation	
						YES	NO
jbe	WO 99/65282	12/1999	Eide				
jbe	JP 2002-028702/04	09/1999	Katsumasa				
jbe	JP 2000-183082	06/2000	Hitachi Ltd.				

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)
jbe		U. S. Patent Application entitled MICROELECTRONIC DEVICES AND METHODS OF MANUFACTURE, filed August 30, 2001, Serial No. 09/944,465.
jbe		ISAAK, H. et al., "Development of Flex Stackable Carriers" IEEE Electronic Components and Technology Conference, 2000 Proceedings 50th, 5/21/2000-5/24/2000, Las Vegas, NV, USA, pp. 378-84, IEEE Catalog No: 00CH37070.
jbe		Australian Patent Office Search Report, 30 May 2003, 4 pages.

EXAMINER Jasmine Clark	DATE CONSIDERED 09/15/04
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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 2269-4973.1US (00-0593.01/US)		Application Number Not Yet Assigned 10/782270	
				Applicant Teck Kheng Lee			
				Filing Date February 18, 2004		Group Art Unit Unknown	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
jbe	5,598,033	01/1997	Behlen et al.			
	5,646,446	07/1997	Nicewarner, Jr. et al.			
	5,663,530	09/1997	Schueler et al.			
	5,668,405	09/1997	Yamashita			
	5,674,785	10/1997	Akram et al.			
	5,697,148	12/1997	Lance, Jr. et al.			
	5,710,071	01/1998	Beddingfield et al.			
	5,719,449	02/1998	Strauss			
	5,721,151	02/1998	Padmanabhan et al.			
	5,739,585	04/1998	Akram et al.			
jbe	5,747,982	05/1998	Dromgoole et al.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)

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			Applicant Teck Kheng Lee		Filing Date February 18, 2004	
			Group Art Unit Unknown			

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>ghe</i>	5,752,182	05/1998	Nakatsuka et al.			
	5,758,413	06/1998	Chong et al.			
	5,798,285	08/1998	Bentlage et al.			
	5,805,422	09/1998	Otake et al.			
	5,818,113	10/1998	Iseki et al.			
	5,834,338	11/1998	Takeda et al.			
	5,834,366	11/1998	Akram			
	5,835,355	11/1998	Dordi			
	5,843,808	12/1998	Karnazos			
	5,844,168	12/1998	Schueller et al.			
<i>ghe</i>	5,866,953	02/1999	Akram et al.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER <i>Jasmine Clark</i>	DATE CONSIDERED <i>09/15/04</i>
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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 2269-4973.1US (00-0593.01/US)		Application Number Not Yet Assigned <div style="font-size: 1.5em; margin-top: 5px;">101782270</div>	
				Applicant Teck Kheng Lee			
				Filing Date February 18, 2004		Group Art Unit Unknown <div style="font-size: 1.5em; margin-top: 5px;">2815</div>	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
gbe	5,835,355	11/1998	Dordi			
	5,843,808	12/1998	Karnezos			
	5,844,168	12/1998	Schueller et al.			
	5,866,953	02/1999	Akram et al.			
	5,886,408	03/1999	Ohki et al.			
	5,891,753	04/1999	Akram			
	5,898,224	04/1999	Akram			
	5,973,389	10/1999	Culnane et al.			
	5,973,404	10/1999	Akram et al.			
	5,977,640	11/1999	Bertin et al.			
gbe	5,982,030	11/1999	MacIntyre			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER <div style="font-size: 1.2em; margin-top: 5px;">Jasmine Clark</div>	DATE CONSIDERED <div style="font-size: 1.2em; margin-top: 5px;">09/15/04</div>
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Applicant Teck Kheng Lee				Filing Date February 18, 2004		Group Art Unit Unknown	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
nbc	5,984,691	11/1999	Brodsky et al.	1	1	
	5,990,545	11/1999	Schueler et al.			
	5,991,161	11/1999	Samaras et al.			
	6,005,776	12/1999	Holman et al.			
	6,008,543	12/1999	Iwabuchi			
	6,011,694	01/2000	Hirakawa			
	6,013,948	01/2000	Akram et al.			
	6,020,629	02/2000	Farnworth et al.			
	6,024,584	02/2000	Lemke et al.			
	6,027,346	02/2000	Sinsheimer et al.			
nbc	6,028,365	02/2000	Akram et al.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
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		Applicant Teck Kheng Lee			
		Filing Date February 18, 2004		Group Art Unit Unknown <i>285</i>	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>gbe</i>	6,039,889	03/2000	Zhang et al.			
	6,040,630	03/2000	Panchou et al.			
	6,050,832	04/2000	Lee et al.			
	6,057,178	05/2000	Galuschki et al.			
	6,060,782	05/2000	Ohsono et al.			
	6,064,114	05/2000	Higgins, III			
	6,072,233	06/2000	Corisis et al.			
	6,074,897	06/2000	Degani et al.			
	6,075,710	06/2000	Lau			
	6,079,991	06/2000	Lemke et al.			
<i>gbe</i>	6,093,035	07/2000	Lemke et al.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)

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		Applicant Teck Kheng Lee			
		Filing Date February 18, 2004		Group Art Unit Unknown	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
yde	6,116,921	09/2000	Scholz et al.	1	7	
	6,124,631	09/2000	Cardot et al.			
	6,127,736	10/2000	Akram			
	6,137,062	10/2000	Zimmerman			
	6,137,164	10/2000	Yew et al.			
	6,137,183	10/2000	Sako			
	6,157,541 (replaces DE 197 58 197 A1)	12/2000	Hacke			
	6,165,885	12/2000	Gaynes et al.			
	6,172,422 B1	01/2001	Chigawa et al.			
	6,179,598 B1	01/2001	Brand			
yde	6,191,487 B1	02/2001	Rodenbeck et al.			

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation		
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Applicant Teck Kheng Lee				Filing Date February 18, 2004	
Group Art Unit Unknown				2825	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
yjb	6,208,521 B1	03/2001	Nakatsuka			
	6,212,768 B1	04/2001	Murakami			
	6,214,156 B1	04/2001	Takano et al.			
	6,218,202 B1	04/2001	Yew et al.			
	6,219,911 B1	04/2001	Estes et al.			
	6,221,763 B1	04/2001	Gilton et al.			
	6,225,688 B1	05/2001	Kim et al.			
	6,229,711 B1	05/2001	Yoneda			
	6,262,895 B1	07/2001	Forthun			
	6,291,775 B1	09/2001	Saitoh			
yjb	6,294,455 B1	09/2001	Ahn			

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				Applicant Teck Kheng Lee			
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	6,300,679 B1	10/2001	Mukerji et al.				
	6,310,288 B1	10/2001	Moden				
	6,323,060 B1	11/2001	Isaak				
	6,413,102 B2	07/2002	Jiang et al.				
	6,429,516 B1	08/2002	Tsunoi				
	6,432,737 B1	08/2002	Webster				
	2002/0167092 A1	11/2002	Fee et al.				
	6,489,687 B1	12/2002	Hashimoto				
	6,492,737 B1	12/2002	Imasu et al.				
	6,518,677 B1	02/2003	Capote et al.				
FOREIGN PATENT DOCUMENTS							
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